2/18 200 -TO REGISTER AN EMAIL BY AN ORIGINATOR (e.g. "JOHN SMITH AT EMAIL ADDRESS jsmith@adomain.com") 201 -ORIGINATOR CREATES AN EMAIL MESSAGE USING ANY INTERNET MAIL USER AGENT(MUA)(NOTE THE MESSAGE MAY HAVE MULTIPLE DESTINATIONS AND ATTACHMENTS) -202 THE REGISTRATION SYSTEM(RS), ACTING AS THE SENDERS MTA RECEIVES A COPY OF EMAIL -- 203 RS WILL CREATE A COPY OF THE ORIGINAL MESSAGE TO BE STORED UNTIL THE REGISTRATION PROCESS IS COMPLETE 204 RS CREATES A DATABASE RECORD WHICH INCLUDED: THE TIME AT WHICH THE MESSAGE WAS RECEIVED. THE NAMES AND SIZES OF THE ATTACHMENTS OF THE MESSAGE, THE NAME AND ADDRESS OF EACH DESTINATION OF THE MESSAGE, THE TIME AT WHICH THE MESSAGE WAS DELIVERED TO THE DESTINATION'S MTA. THE DELIVERY STATUS OF EACH DESTINATION 205 RS SETS THE DELIVERY STATUS OF EACH DESTINATION TO "UNSENT" -206 RS GENERATES AND STORES MESSAGE DIGEST (HASH) OF THE BODY OF THE MESSAGE.

FIG. 2A - 207 RS GENERATES AND STORES A HASH FOR EACH FILE ATTACHED TO THE MESSAGE RS CREATES A SECOND COPY TO MODIFY THE ORIGINAL MESSAGE - 209 THE ORIGINAL SUBJECT LINE OF THE MESSAGE IS AMENDED TO INDICATE THAT THE COPY IS REGISTERED(e.g. BY PRE-PENDING "(R)EGISTERED") · 210 A NOTICE THAT THE MESSAGE IS REGISTERED BY THE RS, TOGETHER WITH LINKS TO THE RS'S WWW SITE ARE APPENDED TO THE BODY OF THE MESSAGE. · 211 EMAIL HEADERS ARE ADDED REQUESTING A MAIL USER AGENT(MUA) READING NOTIFICATION IN A VARIETY OF HEADER FORMATS RECOGNIZED BY VARIOUS MUAS. THE REQUEST FOR NOTIFICATION

EMAIL HEADERS ARE ADDED

REQUESTING A MAIL USER

AGENT(MUA) READING NOTIFICATION

IN A VARIETY OF HEADER FORMATS

RECOGNIZED BY VARIOUS MUAS. THE

REQUEST FOR NOTIFICATION TO AN

DIRECTS THE NOTIFICATION TO AN

DESTINATION WHOSE NAME IS THE

ADDRESS OF THE ORIGINATOR OF

THE MESSAGE AND WHOSE ADDRESS

IS A rpost.com ACCOUNT SET UP

FOR THIS PURPOSE. THE

NOTIFICATION WILL USE THE

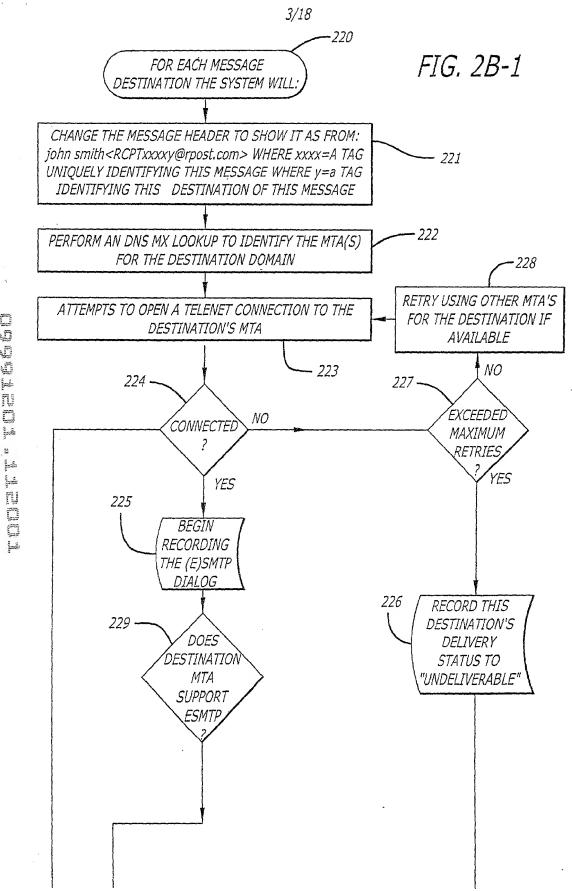
ADDRESS OF THE ORIGINAL SENDER

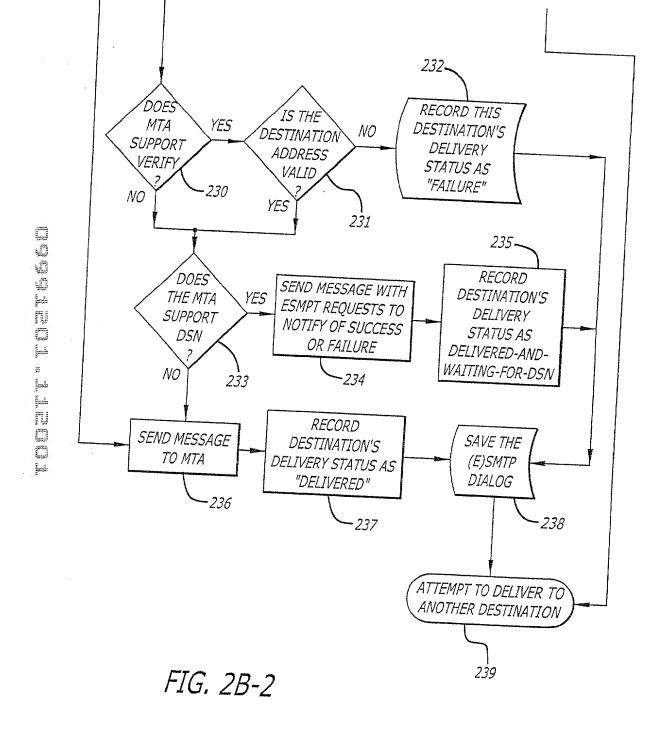
IN THE NAME FIELD OF THE MUA

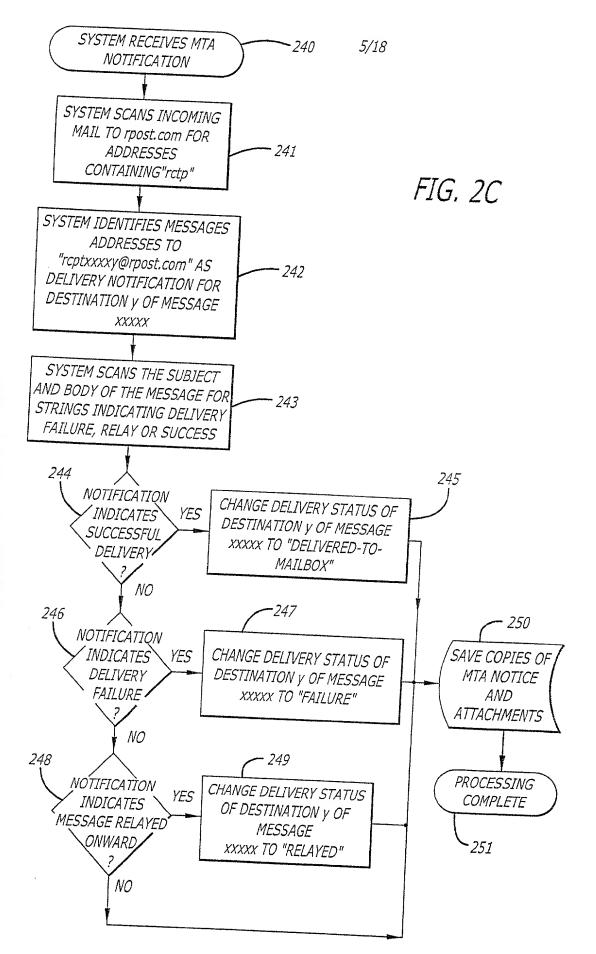
REQUEST. (e.g. DISPOSITIONS
NOTIFICATION-TO:jsmith@adomin.com

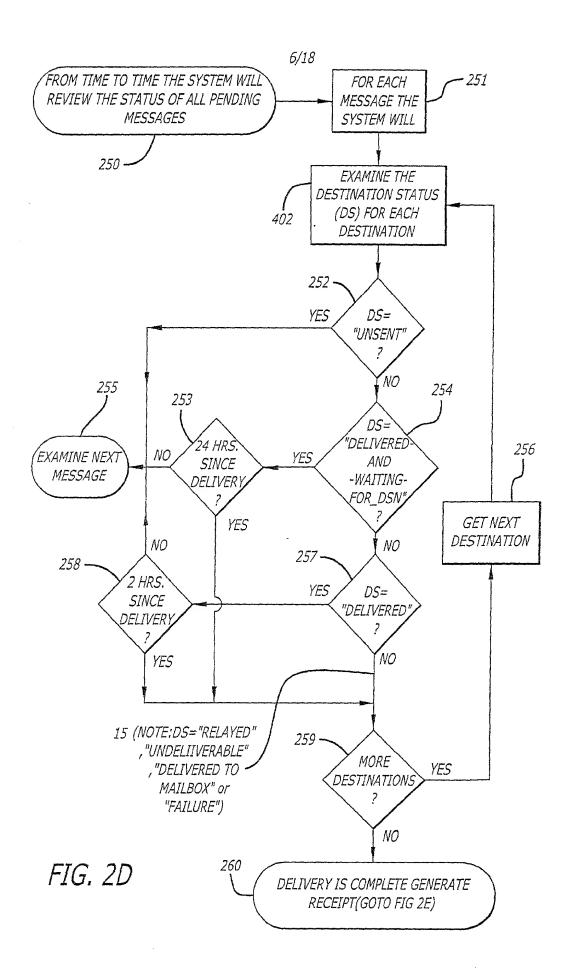
<readreceipt@rpost.com>)

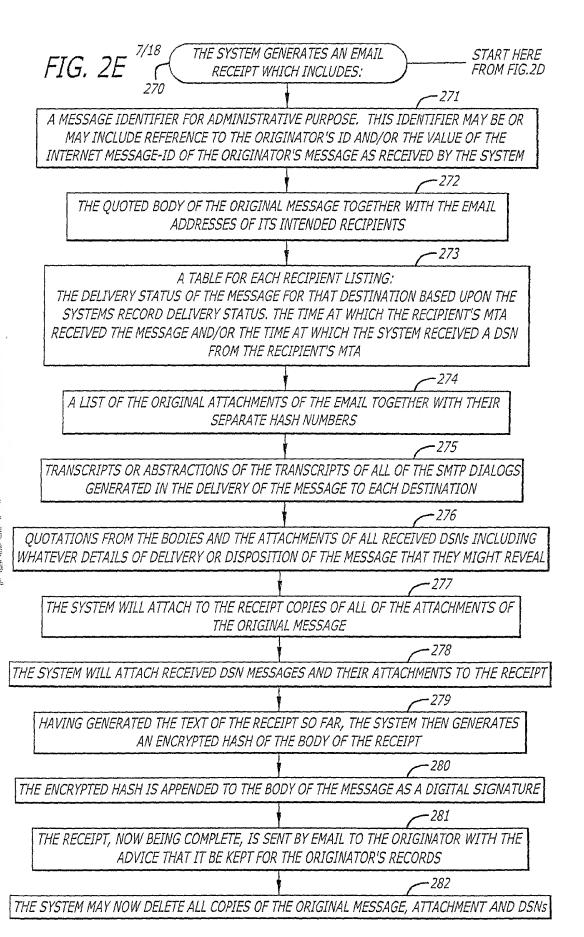
TRANSMIT THE MESSAGE (GOTO FIG B) -212











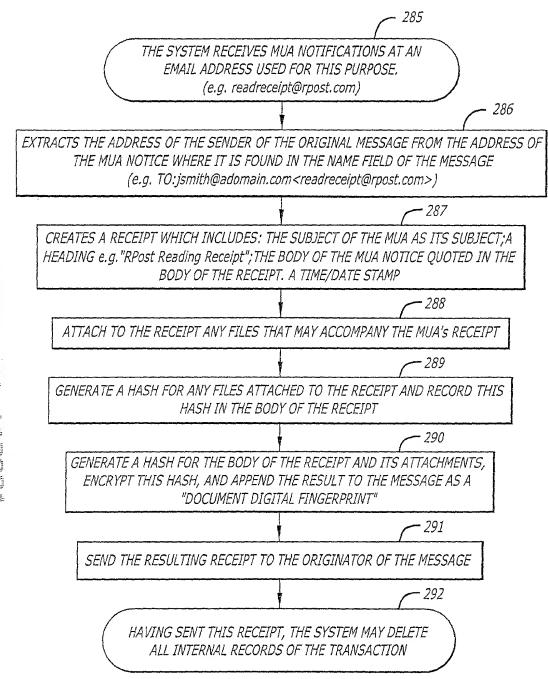
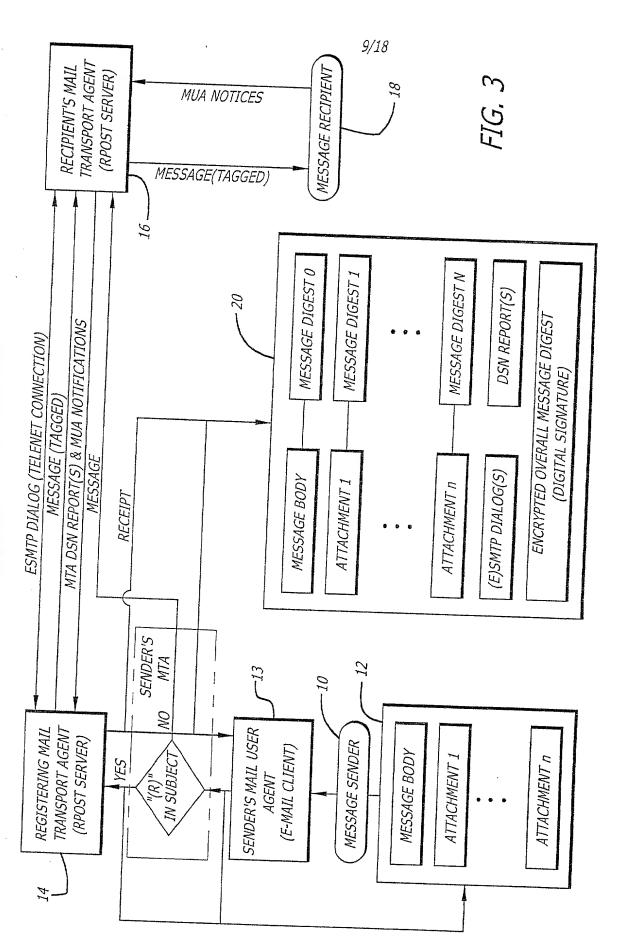
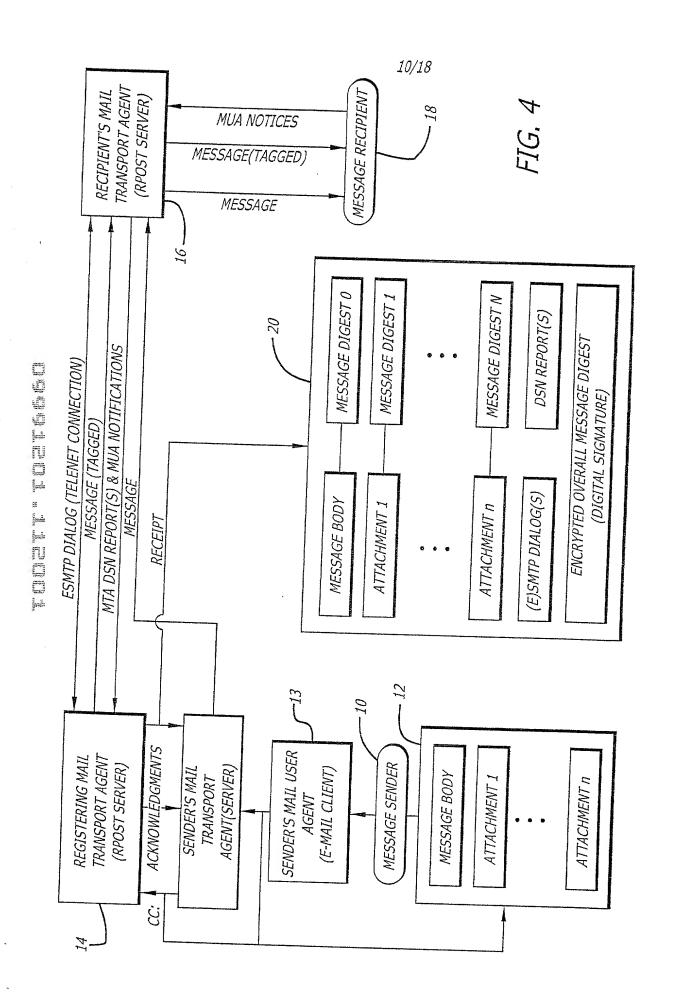


FIG. 2F



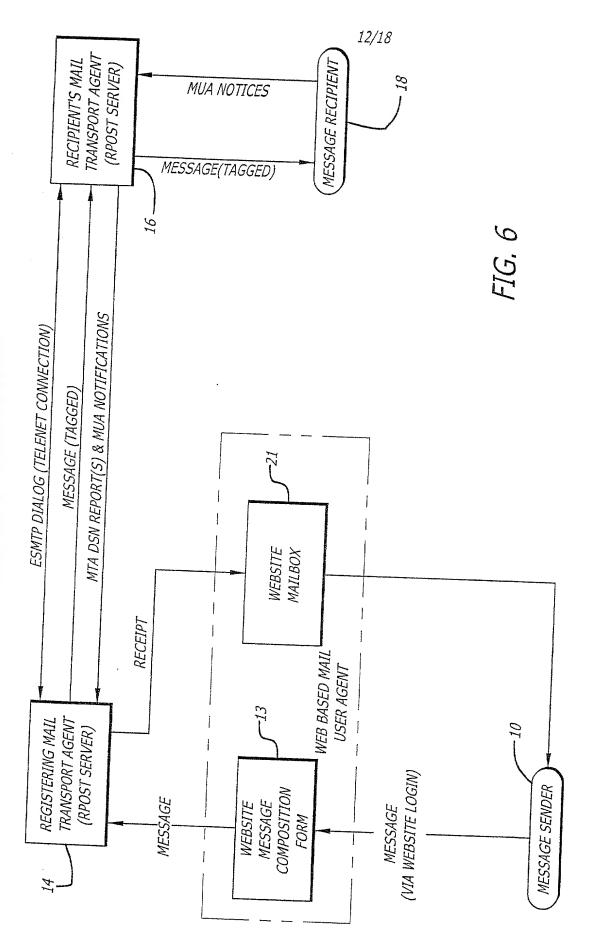


11/18

ENCRYPTED OVERALL MESSAGE DIGEST

ATTACHMENT n

(DIGITAL SIGNATURE)



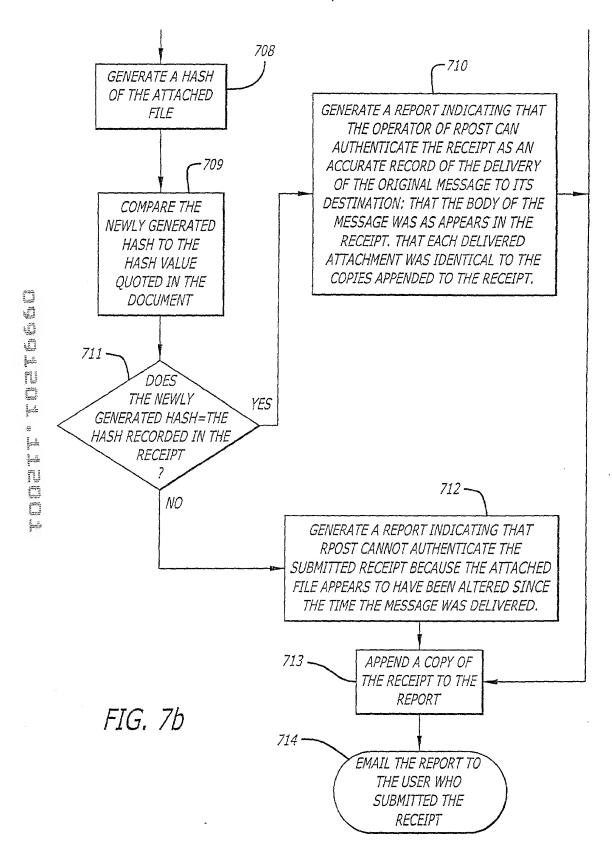
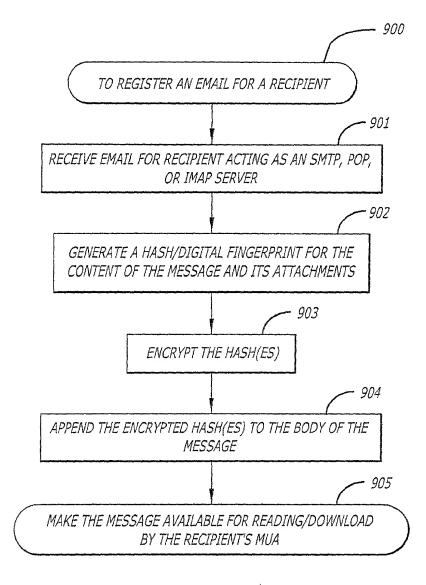


FIG. 9



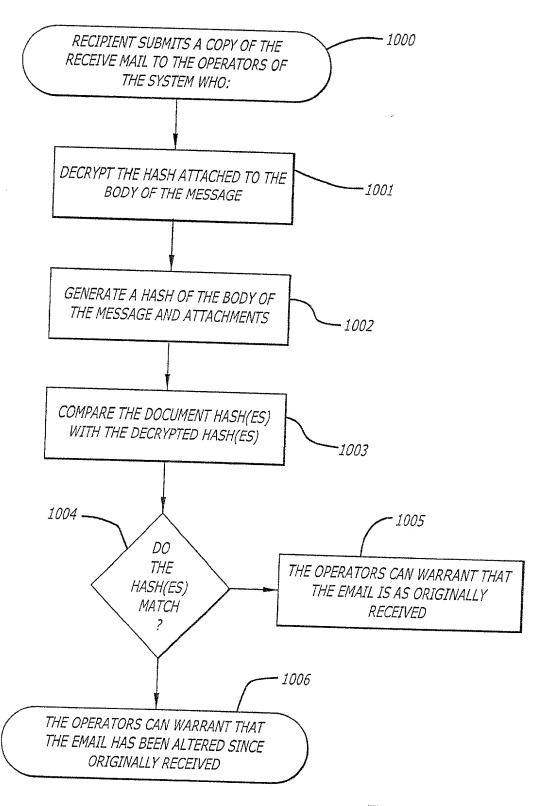


FIG. 10

